

STRONG

FLEXIBLE

FAST



New fiber internet service coming to Waukee

Faster internet speeds in the expanding city.

A Missouri-based company plans to launch fiber internet service with speeds up to 1 gigabit per second in Waukee, bringing more competition for faster internet speeds in the expanding city.

Lieutenant Governor attends coding summit

Goal of high-quality computer programs in elementary, middle & high school.

Iowa Lieutenant Governor Kim Reynolds attended the first ever "Girls Who Code" summit this weekend in at the Facebook headquarters in California. Reynolds says the purpose of the conference was to share ideas on closing the gender gap in technology fields. "It'll encourage school districts to bring in high-quality computer science programs in elementary, middle school and high school," Reynolds says.

Coding, Cybersecurity Classes Jumpstart IT Careers for Hawaii Teens

4 students on track to work PT at NSA as seniors.

At Waipahu High School some teens are getting a head start on the job market by taking coding classes for credit, including a pioneering course on cybersecurity that starts this fall. Already, four of them are on track to work part time at the National Security Agency's Hawaii office while they are seniors.

Amazon Web Services outage reveals critical lack of redundancy across the internet

The digital snow day is over, as Amazon Web Services has fixed the issues with its Simple Storage Service, or S3 for short, that crippled significant chunks of the internet Tuesday. This outage knocked out access to a litany of websites and apps that run on AWS, including but not limited to Expedia, Slack, Medium, the U.S. Securities and Exchange Commission.

How Seattle is betting on better broadband

Strong internet access improves student learning, drives economic growth.

The internet is the essential utility of the 21st century. Having internet access brings together communities, improves learning outcomes for students, and drives economic growth. When Seattle Mayor Ed Murray took office in 2014, he recognized the need to increase digital equity and made access to the internet a priority of his administration. Three years later, changes made by the city have resulted in new competitive internet service options and increased speeds for a majority of Seattle residents.

Governors put spotlight on cybersecurity

"Cybersecurity is critical to each and every governor."

Governors from states across the country put the spotlight on cybersecurity at an annual gathering in Washington on Saturday. Virginia Gov. Terry McAuliffe (D) hosted a session at the National Governors Association winter meeting to discuss the "serious cybersecurity issues" facing the nation and how states need to improve their defenses against cyber threats.

'Cloudbleed' Bug: Coding Vulnerability Turned Data Hemorrhage Nightmare

Data included sensitive cookies, login credentials, API keys.

Another massive leak has potentially compromised a large amount of online user data, including, but not limited to login credentials and other sensitive information. As for what happened, the gist is that information that should have remained private in search engine data caches has dripped out into the world.

Verizon Testing Super Fast 5G Internet With Customers in 11 Cities

Internet speeds at a gigabit per second or faster.

Verizon disclosed plans to pilot test a new super-fast wireless service with customers in 11 cities starting in April. The next generation, or 5G, service will provide Internet speeds at a gigabit per second or faster, comparable to the fastest speeds offered by fiber optic wired services from Google, AT&T and others.

Yavapai County districts band together for bandwidth upgrades

Consortium hopes for higher speeds, lower costs.

Leaders in Yavapai County in Arizona are no strangers to the challenges associated with connecting students to high-speed Internet. Mountainous and rugged terrain has led to large stretches of Arizona still unable to access modern broadband Internet because service providers are unable to build a strong enough business case to extend services to remote sites.

Video usage on mobile devices closing gap on desktops

89% watch videos on smartphones/mobile devices.

Mobile and desktop video consumption are running virtually neck-and-neck, with 89% of consumers saying they watch video on smartphones and other mobile devices, compared to 70% on desktops, AOL found in a fresh study that tracked usage trends across seven global regions.

Districts embrace mobile app that puts emergency plans into action

Real-time emergency info to teachers, staff.

Mobile communications tool puts real-time emergency information in the hands of teachers, staff at growing number of schools.

Today's leading causes of DDoS attacks

Strong protection needed from hardware original equipment manufacturers.

Distributed denial of service attacks (DDoS) are growing ever bigger. Here's what's causing them. First, you should know that while the total DDoS attacks only increased by 4 percent from Q4 2015 to Q4 2016, there was a 140-percent increase in attacks greater than 100Gbps. In short, we're not seeing that many more DDoS assaults, but they are getting much worse.

FCC Approves \$453M in Annual Mobility Fund Phase II Support, Reporting Exemptions

4G LTE coverage to areas that currently lack broadband.

Chairman Ajit Pai's FCC on Thursday accomplished something former Chairman Tom Wheeler hoped to, but couldn't when it unanimously voted to approve nearly \$2 billion in funding for the Commission's Mobility Fund Phase II program over the next decade. The Order adopted by the Commission will provide \$453 million in annual support for the next ten years to help expand and preserve 4G LTE coverage across some of the 575,000 square miles of rural America and Tribal lands that currently lack the service.

Survey: Chronic Care Patients Want an mHealth Connection With Their Doctor

Strong broadband to manage chronic conditions.

Almost 90 percent of patients surveyed by West say they can't manage their health on their own, and want a digital health connection with their doctor outside the doctor's office.

Gigabit keeps LTE in the fast lane

The next wave in fast broadband & an incremental improvement in user experience.

As the industry's lovefest with 5G will be on full display at Mobile World Congress 2017, it's also making the most of LTE, eking out every bit of capacity it offers. "Network operators see gigabit LTE as an opportunity to extend the return on their investments in 4G networks, and this is going to be one of the hottest tech topics in 2017 as leading operators around the world upgrade their networks," analysts at CCS Insight said.

A Telecommunications Fable: Struggles for Service in Rural Maine

The Route Fifty editor-at-large documents how some small coastal communities are fighting for better telephone and internet services, but are advancing at a crawl.

As Cities Become ‘Smart’, Public Safety Looks to FirstNet for Priority Broadband

Enhancing the ability to protect.

The term “Smart Cities” is a popular topic in today’s urban jurisdictions – but what is a Smart City?

Five years later, public safety can see a light at the end of FirstNet tunnel

Strong, long-term option for public safety.

There were more than 40 steps in the roadmap, and FirstNet methodically has completed almost all of them. Most of these steps have been finished within the planned timetable, and the delays that have surfaced typically have been only a matter of a few days or weeks. FirstNet managed to do something that many considered impossible by establishing a framework for its network that meets even the most challenging aspects of its enabling legislation.

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